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S-8227

**USSR - NORTH KOREAN RAIL CONNECTION
AND TUMEN RIVER BRIDGE**

This memorandum is for record purposes only. The information contained herein, answering Requirement RR/HTA/G/S5/57, has previously been made available to the requester.

25X1D

 photography covers the Krashino, USSR - Unggi, North Korea railroad between points approximately three miles south of Chertova Gorka, USSR and one-half mile east of Sahoe, North Korea. Analysis of the photography reveals only minor differences between the actual alignment and the approximation represented in AMS sheet NK 52-6, series L542.

The Tumen River is crossed by the Podgornaya (Nagornaya) International Railroad Bridge, at 42°25' N, 130°39' E.

This bridge, of steel girder construction resting on concrete piers, is approximately 2250 feet long and carries a single track. It is not possible to determine the gauge of the track from the photography. Rolling stock and warehouses in rail yards near the bridge on both sides of the border indicate that the bridge is operational.

Declassification review by NIMA/DOD

Road approaches at both ends suggest emergency use by motor vehicles, in spite of the fact that the bridge is not wide enough for parallel track and roadway and does not appear to be double decked. The partially destroyed highway bridge across the Tumen River approximately 1000 feet down stream from the present railroad bridge was still not repaired at the time of [REDACTED] photography.

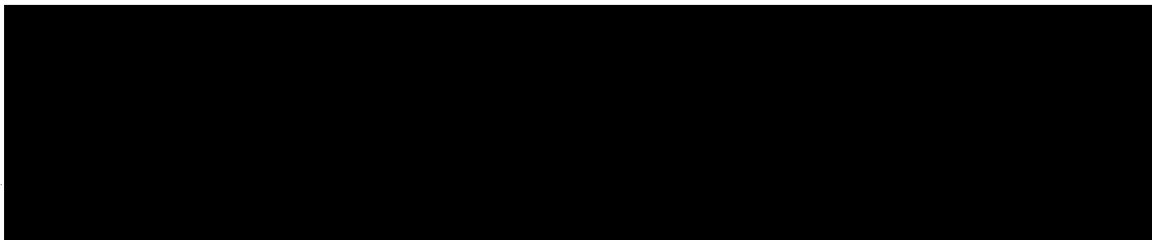
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25X1D

A comparison [REDACTED] reveals construction of additional trackage and housing near the USSR end of the bridge. This additional trackage may be a bypass facility for two-way rail traffic.

REQUIREMENT: Prepared in answer to RR/HTA/G/55/57 requesting confirmation of the rail connection between the USSR and North Korea and an indication of the trackage, gauge and alignment. Identify the type of construction of the Tumen River bridge and indicate whether it is single or double tracked.

PHOTO DATA:

25X1D



REFERENCES:

Map: AMS. Series L542. Sheet NK 52-6. Scale 1:250,000

Other: CIA. GP/I-112. Pedgernaya (Nogernaya) International Railroad Bridge, 15 May 1955.

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Photographic Intelligence Report

MAJOR SHIPBUILDING AND REPAIR FACILITIES
SHANGHAI, CHINA



CIA

PIC/R-1001/60
JANUARY 1960

CENTRAL INTELLIGENCE AGENCY
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PHOTOGRAPHIC INTELLIGENCE CENTER**

19 February 1960

This issue of PIC/R-1001/60 supersedes the previous issue of this publication. All copies of the previous issue which have not been recalled should be destroyed.

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MAJOR SHIPBUILDING AND REPAIR FACILITIES
SHANGHAI, CHINA

PIC/R-1001/60
JANUARY 1960

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PIC/R-1001/60

MAJOR SHIPBUILDING AND REPAIR FACILITIES
SHANGHAI, CHINA -

Shanghai is one of the largest and most extensive centers for the shipbuilding and ship repair industry in Communist China. Shipyards and repair facilities are situated on both sides of the Huang-p'u Chiang as shown on the accompanying map. 25X1D

This report, based on [REDACTED] aerial photography of Shanghai, shows the location of all the major shipyards in the city and includes a brief description of graving docks and shipbuilding ways at each. Several of the shipyards have greatly expanded their facilities since the previous photographic coverage in [REDACTED]

25X1D

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NOFORN [REDACTED]

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KEY TO ANNOTATIONS

1. Chang-hua Pang Dockyard.
One graving dock, 300' long.
Two marine railways, 200' and 170' long.
2. Chung-hua (Point Island) Shipyard.
Six marine railways: three 330', two 270', and one 220' long.
3. Hua-tung (Moller's) Shipyard.
Three shipbuilding ways, each 900' long. Ships are launched by means of a transverse launching way, which can accommodate ships up to 300' in length.
Two marine railways, 250' and 150' long.
4. International Dockyard.
One graving dock, 540' long.
Six shipbuilding ways, each 250' long.
Launching is by means of a transverse launching way which can accommodate ships up to 180' in length.
5. Shanghai (Yangtszepoo) Dockyard.
Two graving docks, 660' and 390' long.
One marine railway, 230' long.
6. P'u-tung Shipyard.
One side-haul marine railway, which can accommodate ships up to 240' in length. This side-haul marine railway extends inland a distance of 290'.
One marine railway (end-haul), 300' long.
7. Tung-Chia-t'u Dockyard.
One graving dock, 390' long.
8. Ch'iu-hsin (Kiousin) Shipyard.
One graving dock, 290' long.
Two possible marine railways, 170' and 140' long.
9. Ping-an Dockyard.
One graving dock, 270' long.
Three marine railways, each 170' long.
10. Kiang-nan Naval Shipyard.
Three graving docks, 630', 555', and 520' long.
Six shipbuilding ways: five 350' and one 440' long.
Two marine railways, 360' and 260' long.
11. Huang-tsu Boatyard.
Eleven marine railways: two 300', three 275', and six 160' long.

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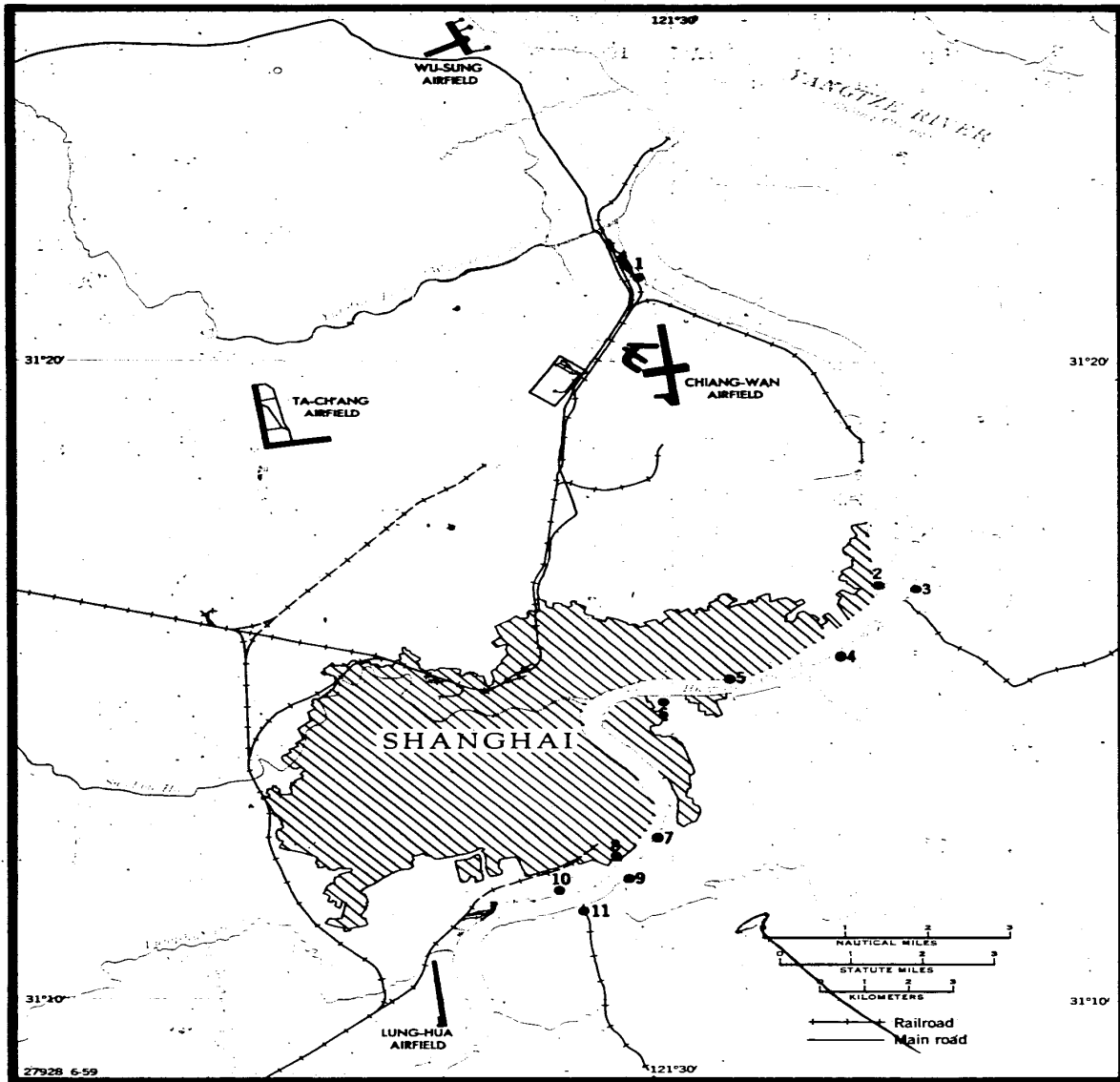
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REQUIREMENT: Prepared in answer to CIA Requirement RR/E/R68/58 requesting a map showing the location of the major shipyards in Shanghai, and the lengths of shipbuilding ways and graving docks at each.

PHOTO DATA:

25X1D

Mission

Frames

Date

Approx. Scale



MAP DATA:

ATMP 0492-9999-2-25MA

ATMP 0492-9999-3-25MA

ATMP 0492-9999-12-25MA

ATMP 0492-9999-13-25MA

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